

PTO/SB/08a (09-08)

Approved for use through 03/31/2007. OMB 0851-0031

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/816,159
Filing Date	March 31, 2004
First Named Inventor	NADEL, JAY A.
Art Unit	1614
Examiner Name	Jane J. Zara
Attorney Docket Number	UCSF-085CON5

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ³ (if known)				
JZ		US- 6,627,634 B2		09-30-2003	HIMMELSBACH et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

JZ

Date

Considered

10-14-07

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known			
		Application Number	10/816,159		
		Filing Date	March 31, 2004		
		First Named Inventor	NADEL, JAY A.		
		Art Unit	1614		
Examiner Name	Zara, Jane J.				
Sheet	2	of	2	Attorney Docket Number	UCSF-085CON5

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
83		KIM et al., (2000), "Levels of Intracellular Protein and Messenger RNA of Mucin and Lysozyme in Normal Human Nasal and Polyp Epithelium" The Laryngoscope, vol. 110, no. 2, pt. 1, pp. 276-280	
		BURGEL et al., (2000), "Relation of epidermal growth factor receptor expression to goblet cell hyperplasia in nasal polyps" Journal of Allergy and Clinical Immunology, vol. 106, no. 4, pp. 705-712.	
		NADEL, (2001) "Role of epidermal growth factor receptor activation in regulating mucin synthesis" Respiratory Research, vol. 2, no. 2, pp. 85-89.	
		NADEL et al., (2001) "The role of epidermal growth factor in mucus production" Current Opinion in Pharmacology, vol. 1, no. 3, pp. 254-258.	
		LEE et al., (2001), "Epidermal growth factor receptor signaling mediates regranulation of rat nasal goblet cells" Journal of Allergy and Clinical Immunology, vol. 107, no. 6, pp. 1046-1050.	

Examiner Signature		Date Considered	10-14-07
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

1

2

Complete if Known

Application Number

10/816.159

Filing Date

March 31, 2004

First Named Inventor

NADEL, JAY A.

Art Unit 7

1614

Examiner Name

Zara, Jane J.

Attorney Docket Number

UCSF-085CON5

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				
88		WO 90/03374 A1	04-05-1990	YAMASHITA		

Examiner Signature		Date Considered	10-14-07
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		Filing Date	March 31, 2004		
		First Named Inventor	NADEL, JAY A.		
		Art Unit	1614		
		Examiner Name	Zara, Jane J.		
Sheet	2	of	2	Attorney Docket Number	UCSF-085CON5

NON PATENT LITERATURE DOCUMENTS			
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JZ		KUMAR et al., (1998), "Cooperative interaction of autocrine and paracrine mitogens for airway epithelial cells", <i>Cell Biology and Toxicology</i> , vol. 14, pp. 293-299.	

Examiner Signature		Date Considered	10-14-07
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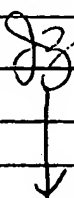


PTO/SB/08a (05-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		Complete If Known	
		Application Number	10/816,159
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	March 31, 2004
		First Named Inventor	NADEL, JAY A.
		Art Unit	1614 / 635
		Examiner Name	To Be Assigned
		Attorney Docket Number	UCSF-085CON5
Sheet	1	of	2

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
J3		US- 5,116,616		05-26-1992	Bio-Technology General Corp.	
		US- 5,760,041		06-02-1998	American Cyanid Company	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
		WO 96/09294 A1		03-28-1996	The Well-Come Foundation Limited		
		WO 92/18481		10-29-1992	Rhone-Poulenc Rorer International, Inc.		
		DE 4117078 A1		11-26-1992	Boehringer Ingelheim KG		X
		DE 1792207		11-04-1971	Fisons Pharmaceutucials Ltd.		

Examiner Signature		Date Considered	3-2-07
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Notice of References Cited	Application/Control No. 09/616,223	Applicant(s)/Patent Under Reexamination NADEL ET AL.	
	Examiner Jane Zara	Art Unit 1635	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-,306,874 B1	10-2001	Fraley et al.	514/300
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
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	M	US-			

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
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	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)			
	U	Giorgio Palu' et al., In pursuit of new developments for gene therapy of human diseases, JOURNAL OF BIOTECHNOLOGY, 68 (1991) pp. 1-13			
	V	Stanley T. Crooke, Antisense Research and Application, pp. 1-50 (1998)			
	W	Andrea D. Branch, A good antisense molecule is hard to find, TIBS 23 - February 1998, pp. 45-50			
	X	Karen Pihl-Carey, Isis To Crohn's Disease Drug Fails In Phase III, BIOWORLD TODAY, Vol. 10, No. 239, pp. 1-2 (1999)			

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited

Application/Control No.
09/616,223

Applicant(s)/Patent Under Reexam
Nadel et al

Examiner
Jane Zara

Art Unit
1635

Page 1 of 1

U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Name	Classification ²
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FOREIGN PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Country	Name	Classification ²
N					
O					
P					
Q					
R					
S					
T					

NON-PATENT DOCUMENTS

	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
U	Masui et al. Cancer Res. 1984 Vol. 44, pp. 1002-1007.
V	Yoneda et al. Cancer Res. 1991. Vol. 51, pp. 4430-4435.
W	Khetarpal et al. Drug Metabolism and Disposition. 1994. Vol. 22, No. 2, pp. 216-223.
X	Buchdunger et al. Proc. Natl. Acad. Sci. USA 1994 Vol. 91, pp. 2334-2338.

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